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PTO/SB/08A (08-00)

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application Number	09/757,673	
				Filing Date	January 10, 2001	
				First Named Inventor	James M. Wilson et al	
				Group Art Unit	1632	
				Examiner Name	J. Martin R. Shukla	
Sheet	1	of	11	Attorney Docket Number		GNVPN.019B1USA

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RRS	AA	5,139,941	A	N. Muzycka	08/18/1992	
	AB	5,173,414	A	J. Lebkowski	12/22/1992	
	AC	5,478,745	A	R. Samulski	12/26/1995	
	AD	5,753,500	A	T. Shenk	05/19/1998	
RRS	AE	5,252,479	A	A. Srivastava	10/12/1993	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RRS	AL	WO	WO96/00587	A	R. Samulski WIPD	01/11/1996		
	AM	WO	WO95/34670	A	P. Johnson WIPD	12/21/1995		
	AN	WO	WO95/33824	A	J. Alexander WIPD	12/14/1995		
	AO	WO	WO95/28493	A	M. Kaplitt WIPD	10/26/1995		
RRS	AP	WO	WO95/23867	A	P. Deneffe WIPD	09/08/1995		

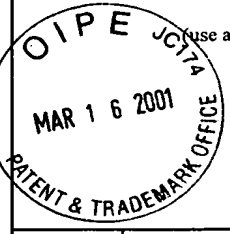
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RRS	AF	5,354,678	A	J. Lebkowski	10/11/1994	
	AG	5,436,146	A	T. Shenk	07/25/1995	
	AH	5,474,935	A	S. Chatterjee	12/12/1995	
	AI	5,858,351	A	G. Podsakoff	01/12/1999	
RRS	AJ	5,789,390	A	V. Descamps	08/04/1998	

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RRS	AQ	WO	WO95/20671	A	V. Descamps <i>WIPO</i>	08/03/1995		
	AAL	WO	WO95/14771	A	R. Kotin <i>WIPO</i>	06/01/1995		
	AAM	WO	WO95/13392	A	J. Trempe <i>WIPO</i>	05/18/1995		
	AAN	WO	WO95/07995	A	R. Philip <i>WIPO</i>	03/23/1995		
RRS	AAO	WO	WO95/06743	A	J. Dong <i>WIPO</i>	03/09/1995		

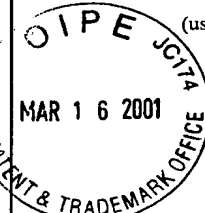
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RRS	AK	5,116,739	A	Y. Teranishi	05/26/1992	
↓	AAA	5,672,685	A	W. Matthew	09/30/1997	
↓	AAB	5,693,531	A	Chiorini	12/02/1997	
↓	AAC	6,093,392	A	K. High	07/25/2000	
RRS	AAD	5,585,254	A	I. Maxwell	12/17/1996	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RRS	AAP	WO	WO94/20517	A	J. Glorioso w1 p6	09/15/1994		
↓	AAQ	WO	WO93/24641	A	B. Carte w1 p6	12/09/1993		
↓	BL	WO	WO91/18088	A	S. Chatterjee w1 p6	11/28/1991		
↓	BM	WO	WO96/18727	A	G. Natsoulis w1 p6	06/20/1996		
RRS	BN	WO	WO96/12010	A	C. Holscher w1 p6	04/25/1996		

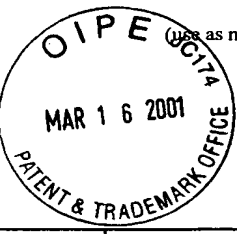
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RRS	AAE	5,866,552	A	J. Wilson	02/02/1999	_____

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RRS	BO	WO	WO96/17947	A	J. Allen w.i.p.o	06/13/1996	_____	
	BP	WO	WO97/26337	A	G. Podsakoff w.i.p.o	08/24/1997	_____	
	BQ	WO	WO96/40272	A	X. Xiao w.i.p.o	12/19/1996	_____	
	BBL	WO	WO97/26336	A	G. Podsakoff w.i.p.o	07/24/1997	_____	
RRS	BBM	WO	WO94/13788	A	R. Samulski w.i.p.o	06/23/1994	_____	

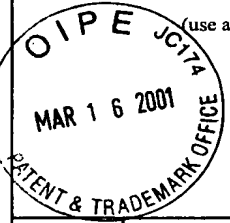
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RRS	BBN	WO	WO97/12050	A	<u>M. Kaplitt</u> <u>wipo</u>	04/03/1997	_____	
RRS	BBO	AU	27902/92	A	<u>Australia</u> <u>M. Perricaudet</u>	04/27/1993	_____	
RRS	BBP	WO	WO96/14837	A	<u>A. McClelland</u> <u>wipo</u>	05/23/1996	_____	


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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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RRS	AR	D. COOVERT et al, "Gene Therapy for Muscle Diseases", Current Opinion in Neurology, 7:463-470 (1994)	
	AS	R. HERZOG et al, "Stable Gene Transfer and Expression of Human Blood Coagulation Factor IX After Intramuscular Injection of Recombinant Adeno-Associated Virus", Proc. Natl. Acad. Sci. USA, 94:5804-5809 (May, 1997)	
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	AU	P. KESSLER et al, "Gene Delivery to Skeletal Muscle Results in Sustained Expression and Systemic Delivery of a Therapeutic Protein", Proc. Natl. Acad. Sci. USA, 93:14082-14087 (November, 1996)	
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	AW	J. WOLFF et al, "Direct Gene Transfer into Mouse Muscle in Vivo", Science, 247:1465-1468 (March 23, 1990)	
	AX	H. BLAU et al, "Localization of Muscle Gene Products in Nuclear Domains: Does this Constitute a Problem for Myoblast Therapy?", Adv. Exp. Med. Biol., 280:167-172 (1990)	
RRS	AY	N. MUZYCZKA, "Use of Adeno-Associated Virus as a General Transduction Vector for Mammalian Cells", Curr. Topics Microbiol. Immunol., 158:97-129 (1992)	

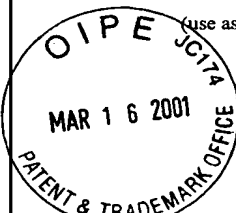
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RRS	AZ	R. SAMULSKI et al, "Targeted Integration of Adeno-Associated Virus (AAV) into Human Chromosome 19", EMBO J., 10(12):3941-3950 (1991) [Samulski I]	
	AAR	R. KOTIN, "Prospects for the Use of Adeno-Associated Virus as a Vector for Human Gene Therapy", Human Gene Therapy, 5:793-801 (1994) [Kotin I]	
	AAS	R. KOTIN et al, "Site-Specific Integration by Adeno-Associated Virus", Proc. Natl. Acad. Sci. USA, 87:2211-2215 (March, 1990) [Kotin II]	
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	AAU	C. HODGSON, "Advances in Vector Systems for Gene Therapy", Exp. Opin. Ther. Patents, 5(5):459-468 (1995)	
	AAV	R. SAMULSKI et al, "Helper-Free Stocks of Recombinant Adeno-Associated Viruses: Normal Integration does not Require Viral Gene Expression", J. Virol., 63(9):3822-3828 (September, 1989) [Samulski II]	
RRS	AAW	M. WEITZMAN et al, "Recruitment of Wild-Type and Recombinant Adeno-Associated Virus into Adenovirus Replication Centers", J. Virol., 70(3):1845-1854 (March, 1996)	
	AAX	S. GOODMAN et al, "Recombinant Adeno-Associated Virus-Mediated Gene Transfer into Hematopoietic Progenitor Cells", Blood, 84(5):1492-1500 (September, 1994)	


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RPS	AAV	B. YAKOBSON et al, "Replication of Adeno-Associated Virus in Synchronized Cells without the Addition of a Helper Virus", J. Virol., 61(4):972-981 (April, 1987)	
	AAZ	E. KREMER et al, "Adenovirus and Adeno-Associated Virus Mediated Gene Transfer", British Medical Bulletin, 51(1):31-44 (1995)	
	BR	E. RAZ et al, "Systemic Immunological Effects of Cytokine Genes Injected into Skeletal Muscle", Proc. Natl. Acad. Sci. USA, 90:4523-4527 (May, 1993)	
	BS	K. CULVER et al, "Gene Therapy for Cancer", TIG, 10(5):174-178 (May, 1994)	
	BT	N. MILLER et al, "Targeted Vectors for Gene Therapy", FASEB J., 9:190-199 (February, 1995)	
	BU	E. MARSHALL, "Gene Therapy's Growing Pains", Science, 269:1050-1055 (August 25, 1995)	
	BV	M. KAPLITT et al, "Long-Term Gene Expression and Phenotypic Correction Using Adeno-Associated Virus Vectors in the Mammalian Brain", Nature Genetics, 8:148-154 (October, 1994)	
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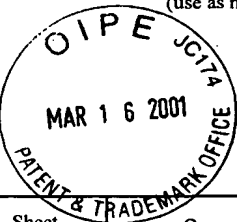
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RRS	BY	X. XIAO et al, "Adeno-Associated Virus (AAV) Vectors for Gene Transfer", Advanced Drug Delivery Reviews, 12:201-215 (1993) [Xiao II]	
	BZ	S. ORKIN et al, "Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy", NIH Press, pp. 1-40 (December 7, 1995)	
	BBR	A. LAFONT et al, "Which Gene for Which Restenosis?", The Lancet, 346:1442-1443 (December 2, 1995)	
	BBS	R. BARTLETT et al, "A Plasmid Expression Vector Based on the Adeno-Associated Virus (AAV) Containing Muscle-Specific Transcription Elements for Expression of Therapeutic Proteins", Amer. J. Human Genet., 57(Suppl. 4):A235 (October, 1995) (Abstract #1362)	
	BBT	M. EINERHAND et al, "Regulated High-Level Human β -globin Gene Expression in Erythroid Cells Following Recombinant Adeno-Associated Virus-Mediated Gene Transfer", Gene Therapy, 2(5):336-343 (July, 1995)	
	BBU	DIRK GRIMM et al, "Progress in Adeno-Associated Virus Type 2 Vector Production: Promises and Prospects for Clinical Use", Human Gene Therapy, 10:2445-2450 (October 10, 1999)	
RRS	BBV	RONALD G. CRYSTAL, "Transfer of Genes to Humans: Early Lessons and Obstacles to Success", Science, 270:404-410 (October 20, 1995)	

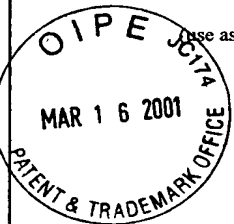
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RRS	BBW	SIHONG SONG et al, "Sustained Secretion of Human Alpha-1-Antitrypsin from Murine Muscle Transduced with Adeno-Associated Virus Vectors", Proc. Natl. Acad. Sci. USA, 95:14384-14388 (November, 1998)	
	BBX	W. FRENCH ANDERSON, "Human Gene Therapy", Nature, 392:25-30 (April 30, 1998)	
	BBY	P.E. MONAHAN et al, "AAV Vectors: Is Clinical Success on the Horizon?", Gene Therapy, 7:24-30 (2000)	
	BBZ	ROLAND W. HERZOG et al, "Adeno-Associated Virus-Mediated Gene Transfer of Factor IX for Treatment of Hemophilia B by Gene Therapy", Thrombosis and Haemostasis, 82(2):540-546 (1999)	
	CR	MELINA KIBBE et al, "Gene Therapy and Vascular Disease", Advances in Pharmacology, 46:85-150 (1999)	
	CS	B. FANG et al, "Gene Therapy for Hemophilia B: Host Immunosuppression Prolongs the Therapeutic Effect of Adenovirus-Mediated Factor IX Expression", Human Gene Therapy, 6:1039-1044 (August, 1995)	
	CT	GYULA ACSADI et al, "Human Dystrophin Expression in mdx Mice After Intramuscular Injection of DNA Constructs", Nature, 352:815-818 (August 29, 1991)	
RRS	CU	VIKRAM S. KASHYAP et al, "Apolipoprotein E Deficiency in Mice: Gene Replacement and Prevention of Atherosclerosis Using Adenovirus Vectors", J. Clin. Invest., 96:1612-1620 (September, 1995)	

Examiner Signature	RRS	Date Considered	11/19/01
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <div style="text-align: center;"> O I P E MAR 1 6 2001 PATENT & TRADEMARK OFFICE </div> </div> (Use as many sheets as necessary)				Complete If Known	
				Application Number	09/757,673
				Filing Date	January 10, 2001
				First Named Inventor	James M. Wilson et al
				Group Art Unit	1632
				Examiner Name	J. Martin R. Shuhle
Sheet	11	of	11	Attorney Docket Number	GNVPN.019B1USA

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RRS	CV	JAMES M. WILSON et al, "Method for Recombinant Adeno-Associated Virus Directed Gene Therapy", U. S. Patent Application No. 09/237,064, filed January 26, 1999	
	CW	G. GOURAS et al, "Expression of Alzheimer's Disease Associated Genes in vitro and in vivo Using Viral Vectors", Neurobiology of Aging, 17(4):S111 (1996)	
	CX [✓]	C. DESURMONT et al, "Complete Atherosclerosis Regression After Human ApoE Gene Transfer in ApoE-deficient/nude Mice", Arterioscler. Thromb. Vasc. Biol., 20(2):435-442 (February, 2000) (PubMed Abstract)	
	CY [✓]	J. OSADA et al, "The Value of Apolipoprotein E Knockout Mice for Studying the Effects of Dietary Fat and Cholesterol on Atherogenesis", Curr. Opin. Lipidol, 11(1):25-29 (February, 2000) (PubMed Abstract)	
RRS	CZ [✓]	JAMES M. WILSON et al, "Method for Recombinant Adeno-Associated Virus-Directed Gene Therapy", U. S. Patent Application No. 09/242,977, filed February 26, 1999	

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